Message

From: Grant J Ovist [grant.ovist@gm.com]
Sent: 5/25/2017 7:23:13 PM
To: Kim, Seongyup@ARB [Seongyup.Kim@arb.ca.gov]
CC: Robert J. Vito [robert.j.vito@gm.com]; Igor Anilovich [igor.anilovich@gm.com]; Doug DeVries [doug.devries@gm.com]; Nguyen, Duc@ARB [Duc.Nguyen@arb.ca.gov]; Wright, DavidA [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=4f14a47c701547479b12bee35117d0a9-Wright, David A.]
Subject: RE: Questions to JGMXJ01.6356 (diesel Cruze, Equinox, Terrain) AECD
Attachments: GM 2018MY Diesel LH7 JGMXJ01 6356 AECD review 5_18_2017-20120525 (TC).pdf

Hello Seongyup,

The attached PDF contains answers to questions received on 5/18.
Please let us know if you have any further questions regarding JGMXJ01.6356

Thank you,

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From: Kim, Seongyup@ARB [mailto:Seongyup.Kim@arb.ca.gov]
Sent: Thursday, May 18, 2017 10:46 AM
To: Grant J Ovist <grant.ovist@gm.com>
Cc: Robert J. Vito <robert.j.vito@gm.com>; Igor Anilovich <igor.anilovich@gm.com>; Doug DeVries <doug.devries@gm.com>; Nguyen, Duc@ARB <Duc.Nguyen@arb.ca.gov>; David A. Wright (wright.davida@epa.gov) (wright.davida@epa.gov) <wright.davida@epa.gov>
Subject: [EXTERNAL] Questions to JGMXJ01.6356 (diesel Cruze, Equinox, Terrain) AECD

Hi Grant,

We would like to understand the difference between 2017 AECD and 2018 AECD. Like GM did for 2018 6.6L and 2.8L AECD, please provide the list of change.
Regarding EGR being not used on the torque curve below CBI / Ex. 4 in section 3. EGR system control and modifiers, we would like to know in-use frequency of vehicle in the area of CBI / Ex. 4 as you indicated in torque curve on 4/24/2017 response. We think it could be expressed by showing gear shift points on the torque curve. If you have a different or better way of responding in-use frequency, please suggest.
One of the reasons for shutting off EGR below CBI / Ex. 4 in high load is engine is operating very close to the turbocharger compressor surge line. Please provide backup data to support the reason.

If you have any questions on this, please let me know.

Thanks,
Seongyup

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